

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Information Disclosure Statement by Applicant Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			
Sheet	1	of	2
Application Number	TBA		
Filing Date	10/567728		
First Named Inventor	Hikaru MATSUURA, et al.		
Art Unit	TBA		
Examiner Name	TBA		
	Attorney Docket Number 49288.1900		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered
-----------------------	--------------------

'EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Indicate if copy of this form with new communication to applicant. *Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

*Complete if Known***10/567728****Shimizu MATSUBA et al.
10/10/03 JAN 2006**

Application Number

TBA

Filing Date

First Named Inventor

Art Unit

Examiner Name

TBA

Attorney Docket Number

49288.1900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
/VB/		Shimizu Tatsuo, et al: "Fabrication of pulsatile cardiac tissue grafts using a novel 3-dimensional cell sheet manipulation technique and temperature-responsive cell culture surfaces", Circulation Research, 22 Feb 2002, vol. 90, no. 3, pages E40-E48	
/VB/		Teruo Okano: "Cardiac tissue reconstruction based on cell sheet engineering" Japanese Circulation Society, Online! 2002, pages 1-4	
/VB/		Keller, Robert, et al.: "Scaffold-based three-dimensional human fibroblast culture provides a structural matrix that supports angiogenesis in infarcted heart tissue", Circulation, vol. 104, no. 17, 23 October 2001, pages 2063-2068	
/VB/		Miyagawa, Shigeru, et al.: "A tissue engineered contractile cardiac graft improves the cardiac performance in infarct rat heart", 23 October 2001, Circulation, Vol 104, NR 17 Supplement, pages II.599, Scientific Sessions 2001 of the American Heart Association	
/VB/		Bach, A.D., et al.: "Expression of Trisk 51, agrin and nicotinic-acetylcholine reception epsilon-subunit during muscle development in a novel three-dimensional muscle-neuronal co-culture system" Cell & Tissue Research, vol. 314, no. 2, November 2003, pages 263-274	

Examiner Signature	Valarie Bertoglio/	Date Considered	07/12/2009
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.